

Art Unit: \*\*\*

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CLMPTO

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1. (AMENDED) Method for addressing pieces [(VOBU#i)] of a bitstream to be recorded or being recorded on a storage medium [(STRD)], wherein an address table [(HAT)] is used that assigns time information to said pieces and wherein each of said pieces [(VOBU#i)] includes a constant number of bits, [characterised by] wherein:

- said pieces contain data packets;
- to each address table entry for said pieces a delta time duration value [(ADUR#i)] is assigned in said address table [(HAT)], wherein such delta time duration value is the difference between the arrival time of the first data packet of a piece and the arrival time of the data packet following immediately the last data packet of that piece;
  - to get the value for a target piece address [(DAV)], the corresponding delta time durations become accumulated until a given time value is most closely reached towards said target piece.

2. (AMENDED) Method according to claim 1, wherein said storage medium [(STRD)] is a Streamer device or a DVD recorder.

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3. (AMENDED) Method according to claim 1 [or 2],  
wherein said delta time duration values  $\{(\Delta DUR\#i)\}$  are  
assigned in said address table  $\{(HAT)\}$  using a running  
index  $(i)$  and wherein the running index of the target  
piece table entry becomes multiplied by said constant  
bit number in order to compute said address value.

4. (AMENDED) Method according to [any of claims 1 to 3]  
claim 1, wherein the size of a piece corresponds to  
the number of bits of an ECC block or a multiple  
thereof.

5. (AMENDED) Storage medium containing pieces  $\{(VOBU\#i)\}$   
of a bitstream and an address table  $\{(HAT)\}$  that  
assigns time information  
to said pieces, wherein each of said pieces  $\{(VOBU\#i)\}$   
includes a constant number of bits, [characterised by]  
wherein:

- said pieces contain data packets;
- to each address table entry for said pieces a delta  
time duration value  $\{(\Delta DUR\#i)\}$  is assigned in said  
address table  $\{(HAT)\}$ , wherein such delta time  
duration value is the difference between the arrival  
time of the first data packet of a piece and the  
arrival time of the data packet following immediately  
the last data packet of that piece.

1. Device for recording a bitstream on a storage medium or for replaying  
a bitstream from a storage medium, wherein for addressing pieces of said bitstream an  
address table (HAT) is used that assigns time information to said pieces, and wherein  
each of said pieces includes a constant number of bits arranged in data packets, said  
device including:

Rule 1.12 G